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## Verifying the reusability of software component specifications: framework and algorithm

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## **↑ INDEX TERMS**

#### **Primary Classification:**

**D.** Software

• D.2 SOFTWARE ENGINEERING

## **Additional Classification:**

D. Software

• **D.2** SOFTWARE ENGINEERING

G. Mathematics of Computing

G.4 MATHEMATICAL SOFTWARE

Subjects: Algorithm design and analysis

## K. Computing Milieux

K.6 MANAGEMENT OF COMPUTING AND INFORMATION SYSTEMS

Subjects: Software maintenance

## **General Terms:**

Algorithms, Reliability, Theory, Verification

## **Keywords:**

corrective maintenance, invariants, object-oriented development, perfective maintenance, regression inspections, reusability, software component integration, software reuse, software verification

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